

Kinney Oil Company KCC # 31439

Strahm Farm 1-27 Reentry And Sidetrack - API # 15-131-20219-01-00

A whipstock was set in the Strahm Farm 1-27 at 3227' MD. A 6' window was milled in the 5½" casing at: 3227'-3233' MD. The 4¾" hole was Kicked Off at 3236'MD/3230'TVD at an azimuth of 215° (Grid). At 3812' MD turned trajectory slightly from 215° (Grid) to 255° (Grid). Landed well at 4080'MD/3807'TVD with 90° inclination, azimuth of 226° (Grid). Continue drilling 4¾" lateral increasing inclination to 93°. Reach TD of 4912'MD/3767'TVD with inclination of 93° and azimuth of 224° (Grid). No casing was run in the lateral.

Chlorides of the mud system were only 200-400 mg/liter (ppm) from the time the window was cut to TD.

The lateral was abandoned by setting a Cast Iron Bridge Plug ("CIBP") at 3160'MD/3155'TVD.

Directional Summary:

Landing Point ("Heal"):

Depth: 4080'MD/3807'TVD
Inclination: 90°
Azimuth: 226° (Grid)

TD ("Toe"):

Depth: 4912'MD/3767'TVD
Inclination: 93°
Azimuth: 224° (Grid)

Ground Level: 1306'

KB: 1316'

Post-Drill Well Configuration:

CIBP in the 5½" casing @ 3153'MD
6' window in the 5½" casing: 3227'-3233' MD
CIBP in the 5½" casing (above the window) at 3160'MD/3155'TVD.